

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship is as stated below next to my name;

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**IMPROVED ELECTROPHYSIOLOGICAL ASSAYS USING  
OOCYTES THAT EXPRESS HUMAN ENAC AND  
THE USE OF PHENAMIL TO IMPROVE THE EFFECT OF ENAC ENHANCERS IN ASSAYS  
USING MEMBRANE POTENTIAL REPORTING DYES**

the specification of which: ☐ is attached hereto.  
☒ was filed on: January 9, 2006  
 as United States Application No.: 10/563,758  
 or PCT International Application No.: \_\_\_\_\_  
 and was amended on: \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

**Prior Foreign Application(s)**

I hereby claim foreign priority benefits under 35 U.S.C. §§ 119(a)-(d) or (f), or § 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below by checking the box, any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

| Application Number | Country | Date of Filing<br>(day, month, year) | Date of Issue<br>(day, month, year) | Priority Claimed                        |                             |
|--------------------|---------|--------------------------------------|-------------------------------------|---|-----------------------------|
| PCT/US2004/021853  | PCT     | 9 July 2004                          |                                     | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
|                    |         |                                      |                                     | Yes <input type="checkbox"/>            | No <input type="checkbox"/> |
|                    |         |                                      |                                     | Yes <input type="checkbox"/>            | No <input type="checkbox"/> |

**Prior Provisional Application(s)**

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

| <b>Application Number</b> | <b>Date of Filing<br/>(day, month, year)</b> |
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**Prior United States Application(s)**

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**CUSTOMER NUMBER**  
**21967**

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corresponding to the law firm of Hunton & Williams LLP; Intellectual Property Department; 1900 K Street, N.W.; Suite 1200; Washington, DC 20006-1109; telephone number (202) 955-1500; facsimile number (202) 778-2201.

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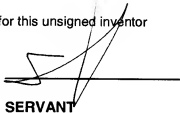
**NAME OF SOLE OR FIRST  
INVENTOR:**

☐ A petition has been filed for this unsigned inventor

Signature



Date



Given Name  
(first and middle (if any))

**Guy**

Family Name  
or Surname

**SERVANT**

Citizenship:

**Canada**

Residence:

**17343 Albert Avenue, San Diego, California 92127**

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**NAME OF SECOND INVENTOR:**

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Signature \_\_\_\_\_ Date \_\_\_\_\_

Given Name (first and middle (if any)) **Hong** Family Name or Surname **CHANG**

Citizenship: **USA**

Residence: **12647 Caminito Destello, San Diego, California 92130**

Mailing Address: same as above

**NAME OF THIRD INVENTOR:**

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Signature \_\_\_\_\_ Date \_\_\_\_\_

Given Name (first and middle (if any)) **Cyril** Family Name or Surname **REDCROW**

Citizenship: **Canada**

Residence: **5070 Mansfield Street, San Diego, California 92116**

Mailing Address: same as above

**NAME OF FOURTH INVENTOR:**

☐ A petition has been filed for this unsigned inventor

Signature \_\_\_\_\_ Date \_\_\_\_\_

Given Name (first and middle (if any)) **Sumita** Family Name or Surname **RAY**

Citizenship: **USA**

Residence: **13354 Benchley Road, San Diego, California 92130**

Mailing Address: same as above

**NAME OF FIFTH INVENTOR:**

☐ A petition has been filed for this unsigned inventor

Signature \_\_\_\_\_ Date \_\_\_\_\_

Given Name (first and middle (if any)) **Imran** Family Name or Surname **CLARK**

Citizenship: USA

Residence: 6049 Paseo Carreta, Carlsbad, California 92009



Mailing Address: same as above

**NAME OF SIXTH INVENTOR:**

☐ A petition has been filed for this unsigned inventor

|   |  |                           |              |
|---|--|---------------------------|--------------|
| Signature                                 | _____  | Date                      | _____        |
| Given Name<br>(first and middle (if any)) | <b>Bryan</b>                                       | Family Name<br>or Surname | <b>MOYER</b> |
| Citizenship:                              | USA  |                           |              |
| Residence:                                | 12521 Spindletop Road, San Diego, California 92129 |                           |              |
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Signature \_\_\_\_\_ Date \_\_\_\_\_  
Given Name (first and middle (if any)) **Guy** Family Name or Surname **SERVANT**  
Citizenship: **Canada**  
Residence: **17343 Albert Avenue, San Diego, California 92127**

Mailing Address: same as above

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Signature

Date

Given Name  
(first and middle (if any))

**Hong**

Family Name  
or Surname

**CHANG**

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Signature \_\_\_\_\_ Date \_\_\_\_\_

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Mailing Address: same as above

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Signature \_\_\_\_\_ Date \_\_\_\_\_

Given Name  
(first and middle (if any)) **Imran**

Family Name  
or Surname **CLARK**

Citizenship: **USA**

Residence: **6049 Paseo Carreta, Carlsbad, California 92009**

Mailing Address: same as above

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Signature \_\_\_\_\_ Date \_\_\_\_\_

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|   |  |                           |                |
|---|--|---------------------------|----------------|
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Signature *Cyril C Redcrow* Date 21 February 2008  
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Citizenship: **Canada**  
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Family Name

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Signature

Sumita Ray.

Date

3/3/08

Given Name

(first and middle (if any))

**Sumita**

Family Name

or Surname

**RAY**

Citizenship:

**USA**

Residence:

**13354 Benchley Road, San Diego, California 92130**

**HUNTON & WILLIAMS LLP**  
Intellectual Property Department  
1900 K Street, N.W.  
Suite 1200

Washington, DC 20006-1109  
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 and was amended on: \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

**Prior Foreign Application(s)**

I hereby claim foreign priority benefits under 35 U.S.C. §§ 119(a)-(d) or (f), or § 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below by checking the box, any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed:

| Application Number | Country | Date of Filing (day, month, year) | Date of Issue (day, month, year) | Priority Claimed                        |                             |
|--------------------|---------|-----------------------------------|----------------------------------|---|-----------------------------|
| PCT/US2004/021853  | PCT     | 9 July 2004                       |                                  | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
|                    |         |                                   |                                  | Yes <input type="checkbox"/>            | No <input type="checkbox"/> |
|                    |         |                                   |                                  | Yes <input type="checkbox"/>            | No <input type="checkbox"/> |

**Prior Provisional Application(s)**

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

| <b>Application Number</b> | <b>Date of Filing<br/>(day, month, year)</b> |
|---------------------------|--|
|                           |  |
|                           |  |
|                           |  |

**Prior United States Application(s)**

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

| <b>Application Number</b> | <b>Date of Filing<br/>(day, month, year)</b> | <b>Status - Patented,<br/>Pending, Abandoned</b> |
|---------------------------|--|--|
|                           |  |  |
|                           |  |  |
|                           |  |  |

And I hereby appoint, both jointly and severally, with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith the Hunton & Williams LLP attorneys and agents associated with:

**CUSTOMER NUMBER**  
**21967**

All correspondence and telephone communications should be addressed to:

**CUSTOMER NUMBER**  
**21967**

corresponding to the law firm of Hunton & Williams LLP; Intellectual Property Department; 1900 K Street, N.W.; Suite 1200; Washington, DC 20006-1109; telephone number (202) 955-1500; facsimile number (202) 778-2201.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. § 1001, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

**NAME OF SOLE OR FIRST  
INVENTOR:**☐ A petition has been filed for this unsigned inventor

|   |  |                           |                |
|---|--|---------------------------|----------------|
| Signature                                 | _____  | Date                      | _____          |
| Given Name<br>(first and middle (if any)) | <b>Guy</b>                                       | Family Name<br>or Surname | <b>SERVANT</b> |
| Citizenship:                              | Canada   |                           |                |
| Residence:                                | 17343 Albert Avenue, San Diego, California 92127 |                           |                |



Mailing Address: same as above

**NAME OF SECOND INVENTOR:**

☐ A petition has been filed for this unsigned inventor

Signature \_\_\_\_\_ Date \_\_\_\_\_

Given Name (first and middle (if any)) **Hong** Family Name or Surname **CHANG**

Citizenship: **USA**

Residence: **12647 Caminito Destello, San Diego, California 92130**

Mailing Address: same as above

**NAME OF THIRD INVENTOR:**

☐ A petition has been filed for this unsigned inventor

Signature \_\_\_\_\_ Date \_\_\_\_\_

Given Name (first and middle (if any)) **Cyril** Family Name or Surname **REDCROW**

Citizenship: **Canada**

Residence: **5070 Mansfield Street, San Diego, California 92116**

Mailing Address: same as above

**NAME OF FOURTH INVENTOR:**

☐ A petition has been filed for this unsigned inventor

Signature \_\_\_\_\_ Date \_\_\_\_\_

Given Name (first and middle (if any)) **Sumita** Family Name or Surname **RAY**

Citizenship: USA

Residence: 13354 Benchley Road, San Diego, California 92130

Mailing Address: same as above

**NAME OF FIFTH INVENTOR:**

☐ A petition has been filed for this unsigned inventor

|   |  |                           |              |
|---|--|---------------------------|--------------|
| Signature                                 | _____  | Date                      | _____        |
| Given Name<br>(first and middle (if any)) | <b>Imran</b>                                   | Family Name<br>or Surname | <b>CLARK</b> |
| Citizenship:                              | USA  |                           |              |
| Residence:                                | 6049 Paseo Carreta, Carlsbad, California 92009 |                           |              |

Mailing Address: same as above

**NAME OF SIXTH INVENTOR:**

☐ A petition has been filed for this unsigned inventor

|   |  |                           |              |
|---|--|---------------------------|--------------|
| Signature                                 | _____  | Date                      | _____        |
| Given Name<br>(first and middle (if any)) | <b>Bryan</b>                                       | Family Name<br>or Surname | <b>MOYER</b> |
| Citizenship:                              | USA  |                           |              |
| Residence:                                | 12521 Spindletop Road, San Diego, California 92129 |                           |              |
| Mailing Address:                          | same as above                                      |                           |              |

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship is as stated below next to my name;

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**IMPROVED ELECTROPHYSIOLOGICAL ASSAYS USING  
OOCYTES THAT EXPRESS HUMAN ENAC AND  
THE USE OF PHENAMIL TO IMPROVE THE EFFECT OF ENAC ENHANCERS IN ASSAYS  
USING MEMBRANE POTENTIAL REPORTING DYES**

the specification of which: ☐ is attached hereto.  
☒ was filed on: January 9, 2006  
as United States Application No.: 10/563,758  
or PCT International Application No.: \_\_\_\_\_  
and was amended on: \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

**Prior Foreign Application(s)**

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| Application Number | Country | Date of Filing<br>(day, month, year) | Date of Issue<br>(day, month, year) | Priority Claimed                        |                             |
|--------------------|---------|--------------------------------------|-------------------------------------|---|-----------------------------|
| PCT/US2004/021853  | PCT     | 9 July 2004                          |                                     | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |
|                    |         |                                      |                                     | Yes <input type="checkbox"/>            | No <input type="checkbox"/> |
|                    |         |                                      |                                     | Yes <input type="checkbox"/>            | No <input type="checkbox"/> |

**Prior Provisional Application(s)**

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**Prior United States Application(s)**

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| <b>Application Number</b> | <b>Date of Filing<br/>(day, month, year)</b> | <b>Status - Patented,<br/>Pending, Abandoned</b> |
|---------------------------|--|--|
|                           |  |  |
|                           |  |  |
|                           |  |  |

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. § 1001, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.



**NAME OF SOLE OR FIRST  
INVENTOR:**

☐ A petition has been filed for this unsigned inventor

Signature \_\_\_\_\_ Date \_\_\_\_\_  
Given Name (first and middle (if any)) **Guy** Family Name or Surname **SERVANT**  
Citizenship: **Canada**  
Residence: **17343 Albert Avenue, San Diego, California 92127**

Mailing Address: same as above

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☐ A petition has been filed for this unsigned inventor

Signature \_\_\_\_\_ Date \_\_\_\_\_

Given Name (first and middle (if any)) **Hong** Family Name or Surname **CHANG**

Citizenship: **USA**

Residence: **12647 Caminito Destello, San Diego, California 92130**

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Citizenship: **Canada**

Residence: **5070 Mansfield Street, San Diego, California 92116**

Mailing Address: same as above

**NAME OF FOURTH INVENTOR:**

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Signature \_\_\_\_\_ Date \_\_\_\_\_

Given Name (first and middle (if any)) **Sumita** Family Name or Surname **RAY**

Citizenship: **USA**

Residence: **13354 Benchley Road, San Diego, California 92130**

Mailing Address: same as above

**NAME OF FIFTH INVENTOR:**

☐ A petition has been filed for this unsigned inventor

|   |  |                           |              |
|---|--|---------------------------|--------------|
| Signature                                 | _____  | Date                      | _____        |
| Given Name<br>(first and middle (if any)) | <b>Imran</b>                                   | Family Name<br>or Surname | <b>CLARK</b> |
| Citizenship:                              | USA  |                           |              |
| Residence:                                | 6049 Paseo Carreta, Carlsbad, California 92009 |                           |              |

Mailing Address: same as above

**NAME OF SIXTH INVENTOR:**

☐ A petition has been filed for this unsigned inventor

Signature Bryan Date 2-13-08

Given Name (first and middle (if any)) **Bryan** Family Name or Surname **MOYER**

Citizenship: USA

Residence: 11774 Westview Parkway, San Diego, California 92126

Mailing Address: same as above